

P:\Projects\11000\11226\DISCIPLINE\Mech\Working\Sheets\Order #4\AC-30\11226-M-101.dwg 11-25-13 04:59:56 PM j/fair

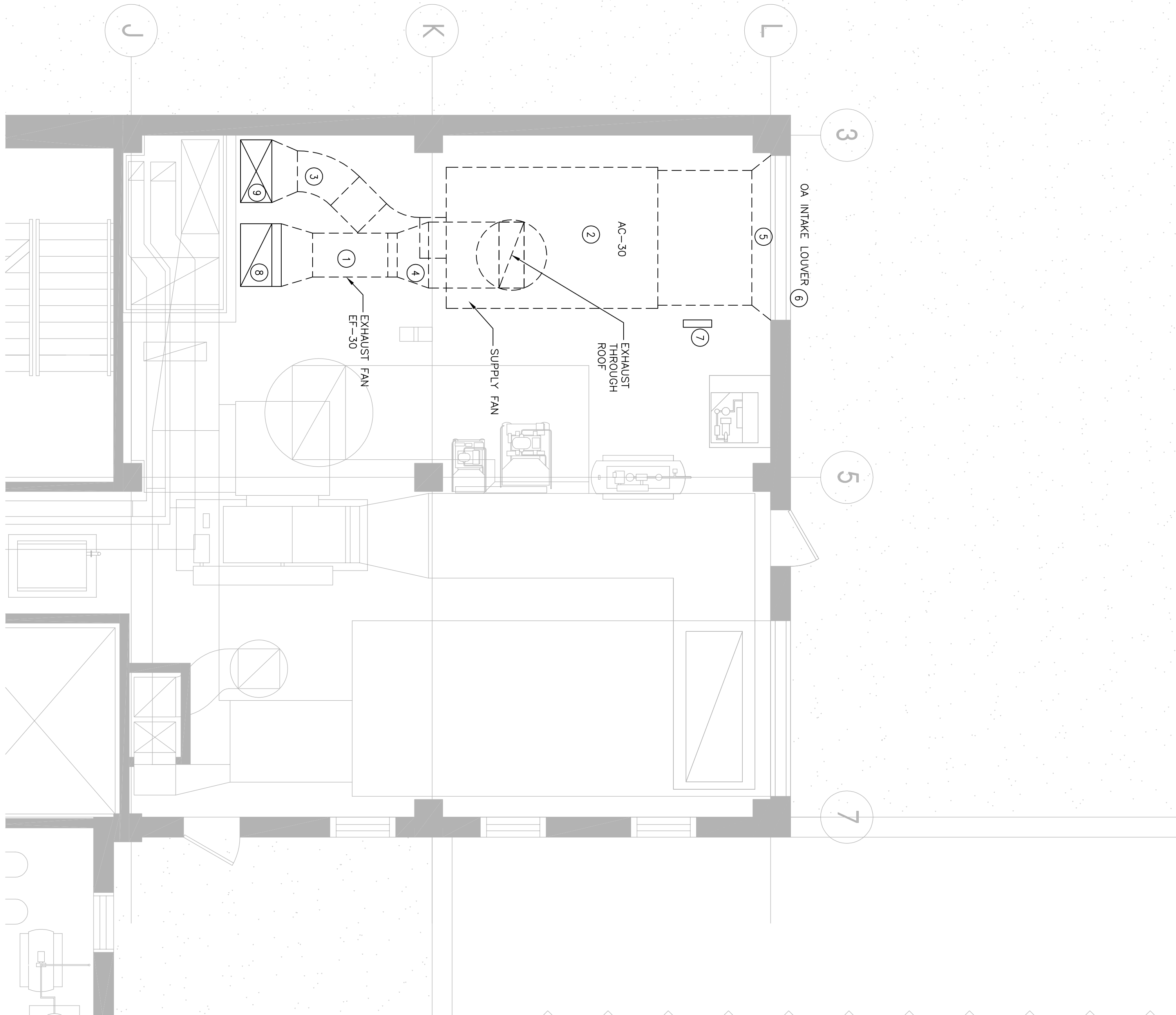
ISSUED FOR CONSTRUCTION DOCUMENTS (FINAL BD)	11/26/13
ISSUED FOR 100% DESIGN SUBMITTAL	10/29/13
ISSUED FOR 75% DESIGN DEVELOPMENT	06/22/13
Revised	Date

CONSULTANTS:

2 MECHANICAL VENTILATION DEMO PLAN



7th FLOOR ROOF



GENERAL DEMO NOTES:

1. EXISTING LOUVERS TO BE REMOVED FOR NEW AC-30 ACCESS. NEW LOUVER WITH SAME SIZE SHOULD BE INSTALLED FOR NEW AC-30 OA INAKE.

KEY NOTES:

1. REMOVE EXISTING EXHAUST FAN EF-30.
2. REMOVE EXISTING AHU AC-30.
3. DEMO CONNECTION SECTION FROM SUPPLY MAIN TO EXISTING AHU AC-30.
4. DISCONNECT EXISTING EXHAUST DUCT AND REMOVE EXISTING GOOSENECK HOOD ON ROOF.
5. DEMO EXISTING OA INAKE BOX WITH DAMPERS.
6. EXISTING LOUVERS NEED TO BE REPLACED WITH NEW ONE.
7. EXISTING DDC CONTROL PANEL OF AC-30 TO REMAIN.
8. EXISTING EXHAUST RISER REMAIN.
9. EXISTING SUPPLY RISER REMAIN.

GENERAL NOTES:

1. PROVIDE NEW CONTROL VALVES FOR COOLING COIL.
2. COORDINATE WITH NEW DUCTWORK AND AHU, RELOCATE FIRE SPRINKLER HEADS IF REQUIRED.
3. NEW AHU WILL BE MOUNTED ON A NEW 4" CONCRETE PAD.
4. NEW OA INAKE BOX WITH DAMPERS BETWEEN NEW AC-30 AND EXISTING NEW DDC PANEL LOCATED NEAR THE AC-30 SHALL BE UPGRADED FOR NEW AC-30.
5. NEW VFD FOR SUPPLY FAN SF-30 AND EXHAUST FAN EF-30

RECOMMENDED REMOVAL & INSTALLATION PROCEDURE:

1. DISASSEMBLE EXISTING AHU AC-30 INTO PIECES CAPABLE OF REMOVAL THROUGH THE OA INAKE OPENING. REMOVE THE EXISTING UNIT ENTIRELY FROM THE SITE.
2. NEW OA INAKE BOX WITH DAMPERS BETWEEN NEW AC-30 AND EXISTING NEW DDC PANEL LOCATED NEAR THE AC-30 SHALL BE UPGRADED FOR NEW AC-30.
3. NEW VFD FOR SUPPLY FAN SF-30 AND EXHAUST FAN EF-30

TEMPORARY HVAC UNIT

A TEMPORARY HVAC UNIT WILL BE REQUIRED TO MAINTAIN ENVIRONMENTAL CONDITIONS WITHIN THE VENTILATED SPACE DURING THE REMOVAL OF THE EXISTING UNIT. THE TEMPORARY UNIT TO BE A PACKAGED SELF-CONTAINED UNIT CAPABLE OF PROVIDING THE REQUIRED HVAC TO THE BUILDING. THE TEMPORARY UNIT SHALL BE AVAILABLE AT THE UNIT LOCATION. CONTRACTOR TO LOCATE AND PROVIDE THE TEMPORARY UNIT. CONTRACTOR RESPONSIBLE FOR ALL EXISTING HVAC SYSTEM DURING CONSTRUCTION.

CONTRACTOR TO DISASSEMBLE AND REMOVE TEMPORARY UNIT FROM SITE. NEW UNIT IS IN PLACE AND OPERATING SATISFACTORILY.

CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING ROOF MEMBRANE FROM DAMAGE DURING REMOVAL AND CONSTRUCTION OF TEMPORARY HVAC UNIT.

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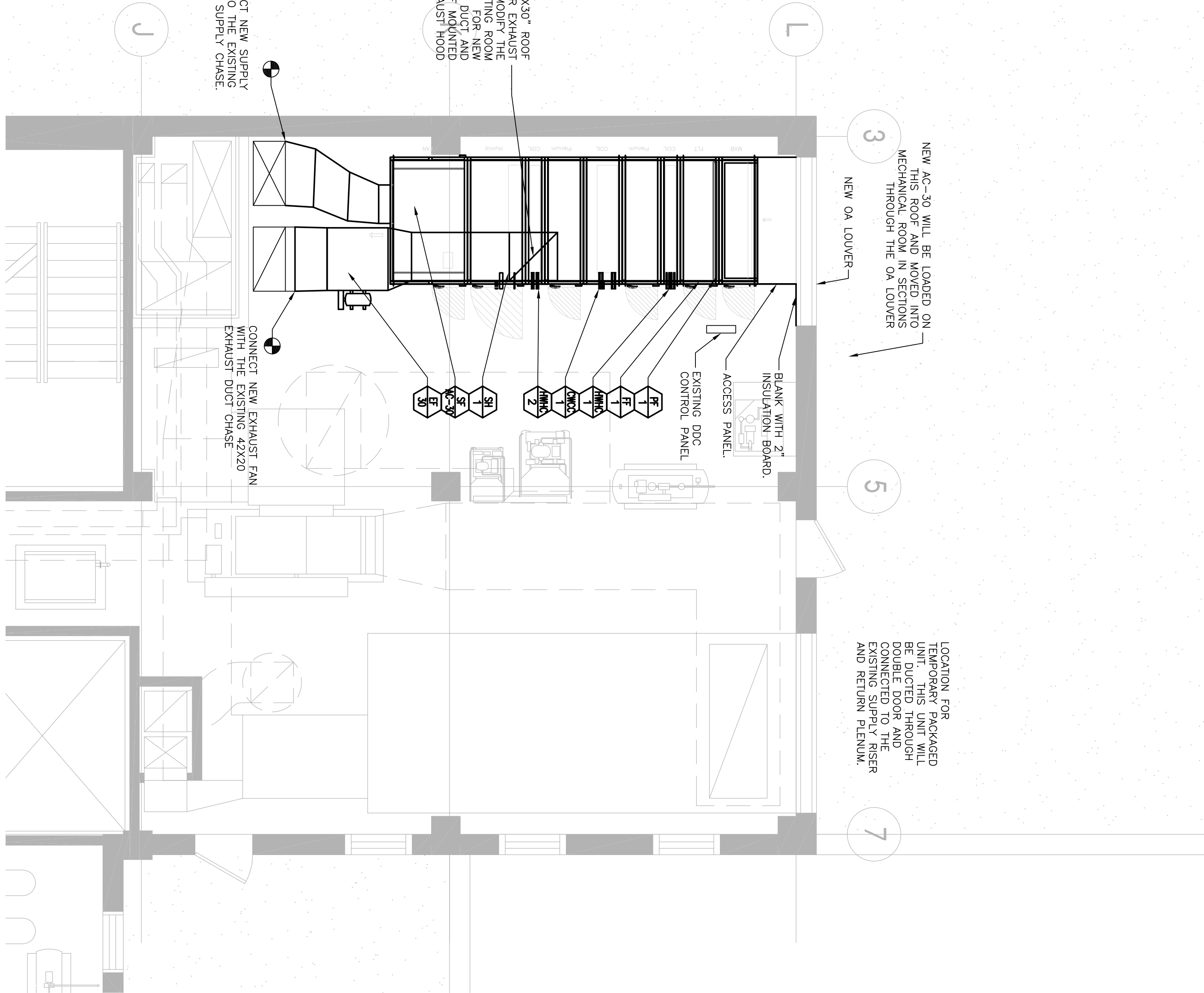
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1 MECHANICAL VENTILATION FLOOR PLAN



7th FLOOR ROOF



FULLY SPRINKLERED

Drawing Title	Project Title	Project Number	Office of Construction and Facilities Management
MECHANICAL ROOM VENTILATION PLAN	REPLACEMENT OF AHU AC-30 IN BUILDING 11A	537-10-122	
Approved Project Director	Location	Drawing Number	
	820 S. DAMEN AVE CHICAGO, IL 60612	11A-M-101	
	Date	Checked	Draw
	11/26/2013	YW	AM
			Dwg. 03 of 10

Scale: 1/2"=1'-0"

